

# BOROUGH OF BRIDGWATER.

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## THE ANNUAL REPORT

OF THE  
MEDICAL OFFICER OF HEALTH  
ON THE  
SANITARY CONDITION OF BRIDGWATER

For the Year 1923.

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PREPARED BY

H. SHARLAND POPE, M.A. M.B. B.C.,	} Medical Officers.
G. W. HARVEY BIRD, M.A. M.B. B.C.	
M.R.C.S. L.R.C.P.	

FRANCIS PARR, A.M.I.C.E.,  
Borough Surveyor and Sanitary Inspector.

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1924.

REPORT OF THE

# ANNUAL REPORT

OF THE

COMMISSIONER OF THE GENERAL LAND OFFICE

FOR THE YEAR 1866

WASHINGTON

1867

PRINTED BY THE NATIONAL PRINTER

UNDER THE SUPERVISION OF THE COMMISSIONER

OF THE GENERAL LAND OFFICE



# Report of the Medical Officer of Health for the Borough of Bridgwater

For the first seven months of the Year 1923.

Mr. Mayor and Gentlemen,

It is my duty to present a report on the Health and Sanitary condition of the Borough, for the portion of the year during which I was your Medical Officer of Health.

Being in poor health and having to face an operation I re-signed my office to take effect on the 31st. day of July 1923. I was fortunate in being able to secure the services of my former colleague Dr. Cromie and the work continued under his guidance from the middle of April till July, 31st.

I have in consequence had nothing personally to do with the work during a considerable portion of the time now to be dealt with hence this report can only be of a meagre character.

## 1. General Statistics.

These remain the same as in last year's report :—

Area in Acres	...	...	...	961
Population	...	...	...	16120
Number of Inhabited Houses	...	...	...	3829
Number of families or separate occupiers	...	...	...	3911
Rateable Value	...	...	...	£67,178
Sum represented by a Penny Rate	...	...	...	£256

## 2. Extracts from Vital Statistics.

		Male.	Female.	Total.	Birth Rate per 1000 Inhabitants.
Births	Legitimate	98	96	194	12·3
	Illegitimate	2	3	5	·03
		100	99	199	15·4
Deaths Registered		48	60	108	6·07

of these 5 males and 5 females were persons usually residing outside the district, hence must be deducted from the above figures leaving 43 males and 55 females : Total 98.

I have not been able to add residents of the town dying elsewhere as the figures are not yet available.

Number of Women dying at Childbirth	...	0
Deaths of Infants under 1 year of age all legitimate	...	6
Deaths from Measles or Whooping Cough	...	0
Deaths from Diarrhoea under 2 years of age	...	1

Deaths under 1 year.

Under 1 week	4.	1 to 4 weeks inclusive	1.	1 to 6 months	2.
		6 to 12 months	0.		

### Notifiable Infectious Diseases.

**Table showing ages, cases notified in each locality, and patients removed to hospital and sanatorium.**

[illegible]



**3. Infectious Diseases** (see table opposite).

Notifiable Diseases during period to July 31st.

There have been 2 cases of Diphtheria and 1 of Ophthalmia Neonatorum, 19 cases of Primary Pulmonary Tuberculosis and 6 cases of other forms of Tuberculosis, 2 of Erysipelas and 1 of acute Pneumonia. Scarlet Fever has still been prevalent to the number of 42 cases all of a mild form, otherwise the town has been free from serious illness.

**4. Causes of Sickness.**

Beyond the continued presence of Scarlet Fever there has been no special cause of sickness.

**5. Summary of Nursing Arrangements.**

These remain as referred to in detail last year.

The question of providing a new conveyance for removal of patients to Isolation Hospital is being met by purchasing a new one; but an ambulance for removal of accident cases is badly needed.

**6. Laboratory Work.**

All arrangements remain as before.

**7. Sanitary Administration.**

Six houses are still using open privies.

Details of work will be provided by report of Sanitary Inspector  
Bakehouses and Slaughter-houses remain the same.

**8. Administration under Food & Drugs Acts.**

35 samples of Milk, 1 of Lard, 3 of Butter, 1 of Cream were analyzed. 21 informal samples were taken, 2 of Whisky, 7 of Beer, 2 of Vinegar, 1 Milk, 3 of Butter, 1 Margarine, 1 Lard, 1 Baking Powder, 1 Epson<sup>1</sup> Salts, 1 Cream and 1 Cheese.

Under new Milk and Dairies Act, 48 premises were registered, comprising 39 retailers, 8 producers and 1 wholesale dealer.

**9. Public Health Staff.**

Your officers remained as last year.

**10. Table of Causes of Death.**

This cannot be completed as I have not received records of inhabitants who have died outside the district.

Yours faithfully,

HENRY SHARLAND POPE.









BOROUGH OF BRIDGWATER.

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# REPORT

OF THE

## Medical Officer of Health

FROM AUG. 1ST, TO DEC. 31ST, 1923.

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PREPARED BY

G. W. Harvey BIRD, M.A. M.B. B.C. M.R.C.S. L.R.C.P

Medical Officer of Health.

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Bridgwater :

Printed and Published by Acland & Son, North Street.

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1924.



# REPORT

## of the Medical Officer of Health for the BOROUGH OF BRIDGWATER.

For the five months of the year ending Dec, 31st 1923

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Mr. Mayor and Gentlemen,

It is my duty to present my report on the Health and General Sanitary condition of the Borough for the period from August 1st, to December 31st, 1923.

I have endeavoured to follow the lines suggested by the Ministry of Health in a circular letter dated 10th, January, 1923.

### 1. General Statistics.

These remain the same as in last year's report :—

Area in Acres	...	...	...	961
Population	...	...	...	16240
Number of Inhabited Houses	...	...	...	3829
Number of families or separate occupiers	...	...	...	3911
Rateable Value	...	...	...	£67,178
Sum represented by a Penny Rate	...	...	...	£256

### 2. Extracts from Vital Statistics.

		Male,	Female,	Total,	Birth Rate per 1000 Inhabitants.
Births	Legitimate	84	57	141	8·6
	Illegitimate	2	2	4	·3
Deaths Registered		41	29	70	·43
Deaths under 1 year.					
Under 1 week	3.	1 to 4 weeks inclusive	0.	1 to 6 months	2
		6 to 12 months	2.		

Deaths of infants under 1 year per 1000 Births.

Legitimate ·02.      Illegitimate nil.

Deaths from Measles. (all ages)	...	...	0
Deaths from Whooping Cough (all ages)	...	...	0
Deaths from Diarrhoea under 2 years of age	...	...	0
Deaths from Other Causes	...	...	8
Number of Women dying in or in consequence of	<i>Sepsis</i>		
Childbirth	...	... from <del>Sepsis</del>	0
		from Other Causes	0

# **Infectious Diseases.**

Table showing ages, cases notified in each locality, and patients removed to hospital and sanatorium.

Notifiable Disease.	Cases notified in whole District										Deaths		Total cases notified in each locality		Cases removed to Isolation Hospital.	
	At all ages	Under 1.	1 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 35.	35 to 45.	45 to 65.	65 & upwards.	Male.	Female.	East-over		West-over
Tuberculosis, Pulmonary	27	—	2	3	3	8	4	8	4	—	—	3	7	11	16	—
Tuberculosis, Non Pulmonary	8	—	—	—	—	3	—	—	—	—	—	—	—	4	4	—
Ophthalmia Neonatorum	2	2	—	—	—	—	—	—	—	—	—	—	—	1	1	—
Acute Pneumonia Lobar	3	—	1	—	—	—	—	—	1	—	1	—	1	1	2	—
Scarlet Fever	57	1	11	13	1	2	1	3	1	—	—	—	3	25	32	54
Diphtheria	7	—	3	3	1	—	—	—	1	—	—	—	3	1	6	3
Erysipelas	2	—	—	—	—	—	—	—	1	1	—	—	—	2	2	—
Cerebro Spinal Fever	2	—	—	1	1	—	—	—	—	—	—	—	1	—	2	2
Totals	108											3	12	45	63	59



### 3. Notifiable Diseases during period Aug. to Dec.

There have been 5 Cases of Diptheria during the above period, and 15 cases of Scarlet Fever were notified. Most of the cases were mild in character. There were no deaths from this disease, but three cases of Diptheria proved fatal. In every instance all contacts were examined with a view to discovering persons likely to hand on the disease. Those children who had been in contact with actual sufferers were excluded from school for a fortnight and examined before re-admission. 1 Ophthalmia Neonatorum, 8 Pulmonary Tuberculosis, 2 other forms of Tuberculosis, 2 acute Primary Pneumonia and 2 Cerebra Spinal Fever were notified during this period, one of which proved fatal.

### 4. Causes of Sickness.

There is nothing particular to note under this heading.

### 5. Summary of Nursing Arrangements.

Hospitals and other Institutions available. A few private Nurses are available for times of sickness, but most of the work is admirably done by the Bridgwater District Nursing Association, which is mainly supported by voluntary subscription, church and other collections, and partly by a co-operative scheme worked by a Committee.

Your Council do not as a body subscribe, and I can testify to the good work done by the Association through its voluntary Committee.

*Ringworm.* This has, as in previous years, been troublesome to deal with, but it is satisfactory that arrangements have been made by which cases of this disease can now receive X Rays treatment at the Hospital.

A similar arrangement has also been made for the operative treatment of Tonsils and Avenoids.

*Mumps* has been exceedingly prevalent among the school children during the period under review.

*Oculist* subject to the approval of the Board of Education, it has been arranged for the County Oculist to visit the School Clinic six times in each year to deal with cases of defective sight in school-children. This will, I hope, supply a much felt need.

*Midwifery* work is mainly in the hand of the Bridgwater District Nursing Association, which is also a training school for midwives their work is largely done under a co-operative scheme under the control of the Somerset County Council. Four registered midwives are working under the Association, and two private midwives reside in the town.

*Maternity and Child Welfare Work.* This is carried out by a nurse appointed by the County Council. She visits mothers and babies in their homes—while a room has been taken in King Square where consultations and advice are given periodically by a lady doctor who comes from a neighbouring town.

## 6. School Clinic.

The nurse is in attendance daily from 9 to 10.30 a.m. to attend to the needs of children suffering from minor ailments, sent by the teachers, parents or school attendance officer.

The Clinic is visited by the School Medical Officer on Tuesday and Friday mornings, and frequently on other days as well, so that he may supervise the work, advise as to special treatment and interview mothers or any person desirous of seeing him.

*Tuberculosis and Venereal Diseases* are dealt with by the Somerset County Council at special rooms on Wednesdays in the King Square.

*Hospitals.* The Town Hospital, supported by voluntary contributions, is available for ordinary purposes. The Bridgwater District Nursing Association have provided accommodation where Maternity cases are admitted on payment of reasonable fees; this has proved a great boom to people of moderate incomes.

The Infectious Diseases Hospital has been, at times, very fully occupied owing mainly to the exceptional number of Scarlet Fever cases notified.

An up-to-date ambulance has been obtained to replace the old carriage which had been in use for a number of years.

There is no ambulance in the town for removal of non-infectious or accident cases, and in a place of this size some provision is badly needed for dealing with such.

## 7. Water.

I am glad to report that the Water Committee have decided to carry out a scheme of Chlorination of the water supply.

## 8. Housing.

It is a matter for satisfaction that a commencement has been made with the provision of new houses in the Newtown and Taunton Road districts. As a result of numerous inspections made in Union Street, great improvements have been carried out, separate W.C. accommodation and ventilated food stores being provided for every house, and general repairs made.

## 9. Laboratory Work.

The Borough Analyst deals with water, milk and food examinations, while pathological and bacteriological work is undertaken at the Health Laboratory under the Somerset County Council at Weston-Super-Mare.

Diphtheria antitoxin and other sera are provided by the Medical Officer of Health when required for necessitous cases.

Your Council have adopted the Public Health Acts Amendment Act, 1890, and the Dairies, Cowsheds and Milkshop Regulations were adopted 17th, October, 1907.

## **10. Sanitary Administration.**

Six houses are still using open privies, as they are not conveniently situated so as to discharge into sewers.

The tables hereto appended contain details of work carried out by Sanitary Inspector.

The 27 Bakehouses have been periodically inspected and all defects attended to.

Of the 15 Slaughter Houses, 12 are registered and 3 licensed. All have been regularly inspected, 4 informal notices served and defects abated.

Daries, Cowsheds and Milkshops numbering 42 have each been inspected twice and kept up to a good standard.

## **11. Food and Drugs Acts.**

Administration under Food and Drugs Acts are dealt with in the Sanitary Report under the Public Health (Milk and Cream) Regulations, 1912-17. 55 Samples of Milk and 3 of Cream, 9 of Butter 2 Margarine, 2 Lard, 2 Whisky, 7 Beer, 2 Vinegar, 1 Baking Powder, 1 Epsom Salts, 1 Cheese, were examined for the presence of a preservative, and in none was any preservative found.

## **12. Public Health Staff.**

Your officers consists of a part time Medical Officer of Health who is also School Medical Officer.

A Sanitary Inspector (Mr. Parr), an Assistant Sanitary Inspector (Mr. Hasell).

Health Visitor work is done by a lady visitor acting under the control of the Somerset County Council.

There has been no need to employ any special nurses.

# Tuberculosis.

Age Periods.	New Cases.				Deaths.			
	Pulmonary.		Non-Pulmonary.		Pulmonary		Non-Pulmonary	
	Males	Females	Males.	Females	Males.	Females	Males	Females
0								
1				2				
5			1	2				
10	1	2				1		
15	1	7	3			3		
20	2	2			1	1		
25	1	7				2		
35	3	1			1			
45					1			* 1
55					1			
65 & upwards								
Totals	8	19	4	4	3	7		1

\* not notified.



Table shewing the number of cases in each month of 1923.

	Cerebro Spinal Fever	Erysipilas	Diphtheria	Scarlet Fever	Acute Primary Pneumonia	Ophthalmia Neonatorum	Pulmonary Tuberculosis	Non-Pulmonary Tuberculosis
JANUARY				15			4	1
FEBRUARY		1		7			3	1
MARCH				7				2
APRIL				6			5	2
MAY				5	1		4	
JUNE		1		1			1	
JULY			2	1			2	
AUGUST				2		2	2	1
SEPTEMBER	1			2	1		2	
OCTOBER	1		1	8			1	
NOVEMBER			3	3	1		2	
DECEMBER			1				1	1
Totals	2	2	7	57	3	2	27	8

## Ophthalmia Neonatorum.

Cases Notified.	Treated		Vision un- impaired	Vision impaired	Total Blindness	Deaths
	At home.	In hospital				
2	1	1	1	1		

Table of Causes of Death for the year 1923.

	Male.	Female.
Diphtheria ... ..	1	2
Influenza ... ..	2	1
Menengococcal Menengitis ... ..		1
Tuberculosis of Respiratory System ... ..	3	8
Cancer - Malignant Disease ... ..	11	15
Rheumatic Fever ... ..	1	
Diabetes ... ..	1	
Cerebral Hæmorrhage ... ..	4	4
Heart Disease ... ..	10	10
Arterio-sclerosis ... ..	6	2
Bronchitis ... ..	5	8
Pneumonia (all forms) ... ..	5	5
Other Respiratory Diseases ... ..	1	1
Ulcer of Stomach or Duodenum ... ..	2	
Diarrhœa (under 2 years) <i>Diets</i> ... ..	1	
Appendicitis and Typhilitis ... ..	1	
Acute and Chronic Nephritis ... ..	2	
Congenital Debility & Malformation, premature birth	6	4
Suicide ... ..		1
Other Deaths from Violence ... ..	5	3
Other defined Diseases ... ..	17	24
Totals	84	89

Yours faithfully,

G. W. HARVEY BIRD.



# SANITARY REPORT, 1923.

## Tabulated Statement of Inspections.

	Number on Register.	Inspections	Informal Notices.		Statutory Notices.	
			Served	Abated	Served	Abated
General Nuisances	196	464	215	161	21	19
Dairies, Cowsheds & Milkshops ...	42	110	24	20		
Bakehouses ...	23	46	7	7		
Factories, Workshops & Workplaces ..	195	54	2	2		
Outworkers ...	53	—	—	—		
Slaughter Houses ...	15	208	4	4		

With reference to the tabulated statement hereinbefore given, the following are the defects:—

### General Nuisances.

	Reported.	Abated.	In hand
Defective Ceilings ...	18	17	1
" Walls ...	40	37	3
" Eaves Gutters and Fall-pipes	66	62	4
" Ventilation ..	6	5	1
" Wash-house Furnaces	9	9	
" Flush Tanks ...	12	12	
" Fresh Air Inlets ...	1	1	
" Floors ...	21	20	1
" Windows ...	11	11	
" Grates ...	16	16	
" Cupboards ...	1	1	
" Stairs ...	2	2	
" Chimney Stacks ...	4	4	
" Iron Traps ...	6	3	3
" Skylights ...	2	2	
" Doors ...	3	3	
" Sinks ...	4	3	1
" Outbuildings ...	1	1	
" W.C.'s ...	32	27	5
" Roofs ...	23	22	1
" Yard Paving ...	9	9	
Dirty W.C's ..	20	20	
W.C.'s opening direct into Workshops	2		2
Absence of Flush Tanks to W.C.'s	3	1	2
Choked & defected Drains ...	32	31	1
Insufficient escape from Fire ...	1	1	
" W.C. Accomodation ...	10	9	1
Dirty Walls & Ceilings of Slaughter House	4	4	
" " " Workshop	1	1	

**Factories and Workshops Acts.****INSPECTIONS.**

			Number.	Inspections.	Notices
Factories ...	..	...	46	4	1
Workshops	...	...	137	14	3
Workplaces	...	...	12		
			<hr/> 195	<hr/> 18	4

**OUTWORKERS.**

List of Outworkers received	...	...	21
Names & Addresses obtained	...	...	53
Lists received from other Councils	...	...	nil
Lists forwarded to other Councils	...	...	1

**Infectious Diseases (Notification) Act.****CASES NOTIFIED UNDER THE ACT.**

			1923.	1922.
Cerebro Spiral Menengitis	...	...	2	
Erysipilas	...	...	2	3
Diphtheria	...	...	7	
Scarlet Fever	...	...	57	29
Acute Lobar Pneumonia	...	...	1	
Acute Primary Pneumonia	...	...	2	2
Ophthalmia Neonatorum	...	...	2	5
Tuberculosis, Pulmonary	...	...	28	35
„ Non Pulmonary	...	...	8	3
			<hr/> 109	<hr/> 77

### Food and Drugs Acts.

Under the provisions of the above Acts, 64 samples have been obtained of the various articles as set out below and were sent to the Borough Analyst for examination.

Articles.	Samples taken.	Reported as genuine.	Adulterated.
Milk	54	54	—
Butter	6	6	—
Cream	2	2	—
Margarine	1	1	—
Lard	1	1	—
Total	64	64	—

In addition to the above, 21 samples have been obtained without the formalities prescribed by the Acts.

Articles.	Samples taken.	Reported as genuine.	Adulterated.
Whisky	2	2	—
Beer	7	7	—
Vinegar	2	2	—
Milk	1	1	—
Butter	3	3	—
Margarine	1	1	—
Lard	1	1	—
Baking Powder	1	1	—
Epsom Salts	1	1	—
Cream	1	1	—
Cheese	1	1	—
	21	21	—

The average percentage of Milk Fat for the year was 3.59 and of Solids not Fat 8.99.

The Board of Agriculture Standard is 3.00 of Milk Fats and 8.50 of non fatty Solids.

### Milk and Daries (amendment) Act 1922.

Number of distributors on the Register	42
“ producers “ “	9
“ wholesalers “ “	1

Constant observation is made over the district to ascertain premises being used for the sale of milk.

The periodical inspections are carried out by the Sanitary Inspector and Staff.

Licenses have not been applied for the sale of graded or Pasteurized Milk.

Constant inspection is made of the Dairies, Cowsheds, etc., and the attention of the owners drawn to any neglect or default and if necessary notices served.

### New Buildings.

During the past year 32 sets of plans shewing particulars of New Buildings and Alterations to Existing Buildings have been submitted for the consideration of the Town Council. Particulars of such plans may be summarized as follows:—

Additions to Workshops and Factories	...	3
Alterations to Business Premises	... ..	1
Erection of Garages	... ..	2
Alterations and additions to Dwelling Houses	... ..	5
Additions to Schools	... ..	1
Erection of Sheds and Stores	... ..	4
Lock-up Shops	... ..	2
Erection of Dwelling Houses	... ..	53
(Two-story 51. Bungalow 2).		
„ Oil Tanks	... ..	1
„ Sunday Schools	... ..	1

During the year a new sewer has been constructed for 16 houses in Chilton St. previously drained into small cesspools which had been a source of nuisance for a good many years.

### Drain Testing.

Smoke Test applied to Drains	... ..	14
Water „ „ „	... ..	32
Total	... ..	46

### Housing & Town Planning Acts 1909-1923.

Statement required by Article 5 of the Housing (Inspection) of District Regulations 1910, in regard to the Inspection of Dwelling Houses under Sec. 17 of the Housing & Town Planning Act, 1909.

	Dwellings
Inspected under and for the purpose of the Section	73
Considered to be in a state so dangerous or injurious to health as to be unfit for human habitation.	nil
Representations made to the Local Authority with a view to making closing orders.	nil
Number of dwelling houses rendered fit without the making of closing orders	7

### Summary of Action taken & result to Dec. 31st 1923

Informal Notices served	... ..	60
Dwelling Houses rendered fit upon service of Informal Notice	... ..	3
Work proceeding upon service of Informal Notice	... ..	4
Statutory Notices served on expiration of Informal Notice	... ..	44
Works completed upon service of Statutory Notice	... ..	4
„ proceeding „ „ „ „	... ..	37
„ not yet commenced	... ..	5
Proceedings taken to enforce terms of Statutory Notice	... ..	3
Statutory Notices served without issuing Informal Notices	... ..	13

**General Character of the defects found to exist in  
the Dwelling Houses Inspected.**

Nature of defect.	Reported.	Abated.	In Hand.	Not Com'ced
Absence of Ventilated Food Store ...	70	18	26	26
Insufficient W.C. accomodation	29	3	6	20
" Wash-house "	10	1		9
Absence of Flush Tanks to W.C.s	5		5	
Insufficient Light in Living and Bedrooms ...	5	1		4
Windows not opening both ways	45	16	9	20
Dirty Wash-house & W.C. Walls	4	3	1	
Defective & dangerous Brickwork	6	1	4	1
" Stairs ...	13	1	3	9
" Sashes Frames & Cills	32	5	11	16
" Chimney Stacks	9	2	7	
" Yard Drainage ...	4	2	2	
" Grates ...	28	10	4	14
" Doors ...	15	3	7	5
" Eaves Gutters ..	18	5	5	8
" Pointing of Brickwork	20	1	8	11
" Ventilation	17	2		15
" Floors ...	60	15	7	38

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**Rainfall.**

Tables are appended shewing the Rainfall for 1923 at the Pumping Station at Ashford, and at the Blake Gardens, Bridgwater

	Bridgwater.	Ashford
No rain fell on ...	186 days	192 days
The wettest month was	February.	February.
The driest month was	June.	June.
Greatest fall in 24 hours	Sept. 14th.	Feb. 9th.

Month.	BRIDGWATER.				ASHFORD.			
	Total. Depth.	Greatest Fall in 24 hours	No. of days on which '01 or more Rain fell.	Total Depth.	Greatest Fall in 24 hours.	No. of days on which '01 or more Rain fell.		
	Inches	Inches	Date		Inches	Inches	Date	
January ...	1'60	'54	6	14	2'17	'62	6	15
February ...	6'56	'69	7	25	7'77	'84	9	24
March ...	1'35	'38	1	10	1'41	40	1	12
April ...	2'35	'65	16	18	2'28	36	16	18
May ...	1'25	'18	27	16	1'75	'23	30	20
June ...	'43	'32	15	5	'59	'41	15	5
July ...	1'31	'29	31	13	1'58	'45	13	13
August ...	2'12	'58	31	12	2'05	'56	31	11
September	2'96	'92	14	16	2'90	'60	17	16
October ...	4'73	'77	11	22	4'73	'66	11	25
November...	2'05	'45	13	13	2'33	'60	13	13
December...	2'69	'48	1	22	2'74	'55	1	20
Total...	29'40			186	32'30			192

(Signed)

FRANCIS PARR, A.M.I.C.E.,

Sanitary Inspector.







